

1           1.    A large format display comprising:  
2                a plurality of emissive display modules, each  
3 module including at least two alignment elements; and  
4                a backframe including a plurality of alignment  
5 devices to mate with the alignment elements of said display  
6 modules.

1           2.    The display of claim 1 wherein each module  
2 includes an electroluminescent display tile secured to a  
3 backplate, said backplate including said alignment  
4 elements.

1           3.    The display of claim 2, said display tile  
2 including front and back surfaces and including a driver  
3 chip on the back surface of said display tile and one more  
4 emissive elements on the front surface thereof.

1           4.    The display of claim 3, said modules including  
2 fasteners extending from said backplates.

1           5.    The display of claim 4 including elements on said  
2 backframe that engage said fasteners to secure said  
3 backframe to said modules.

1           6.    The display of claim 4 wherein said backframe  
2 removeably connects said modules to said backframe.

1           7. The display of claim 6 wherein said fasteners are  
2 threaded fasteners.

1           8. The display of claim 1 wherein each module  
2 includes a transparent layer and a plurality of spaced  
3 apart light emissive cells formed on said layer and  
4 defining regions between said cells.

1           9. The display of claim 8 including an optically  
2 absorbing material formed on said layer so as to overlay  
3 the region between the cells.

1           10. The display of claim 1 including a plurality of  
2 gaps between adjacent modules, said gaps being covered by  
3 an optically absorbing material.

1           11. The display of claim 10 including an optically  
2 clear adhesive between adjacent modules.

1           12. A method comprising:  
2               engaging a plurality of emissive display modules  
3 with a backframe; and  
4               aligning said modules with respect one another  
5 using a characteristic of said backframe.

1        13. The method of claim 12 wherein aligning includes  
2 causing pins on one of said modules or said backframe to  
3 engage holes in one of said modules or said backframe.

1        14. The method of claim 12 including forming said  
2 modules by securing light emitting tiles to a backplate  
3 having alignment elements, and causing said alignment  
4 elements to engage alignment devices on said backframe.

1        15. The method of claim 14 including providing tiles  
2 with a plurality of light emitting cells, and coating a  
3 region visually between the cells with optically absorbent  
4 material.

1        16. The method of claim 14 including filling the  
2 seams between adjacent modules with an optical adhesive.

1        17. The method of claim 14 including threadedly  
2 securing said modules to said backframe.

1        18. The method of claim 17 including filling the  
2 seams between adjacent modules with an optical adhesive  
3 material and covering the adhesive material with an  
4 optically absorbing material.

1        19. A system to connect tiles together to form a  
2 large format display, said system comprising:  
3            a backplate to mount a tile, said backplate  
4 including at least two alignment pins; and  
5            a backframe including a plurality of alignment  
6 holes to receive the pins of said backplate.

1        20. The system of claim 19 wherein said backplate  
2 includes fasteners extending outwardly from a surface  
3 thereof.

1        21. The system of claim 20 wherein a threaded  
2 fastener is utilized to secure said backplate to said  
3 backframe.

1        22. A method comprising:  
2            forming a display device having a plurality of  
3 spaced, light emitting cells; and  
4            coating the device with a matrix of light  
5 absorbing material.

1        23. The method of claim 22 including forming said  
2 spaced light emitting cells on one side of a transparent  
3 layer.

1           24. The method of claim 23 including coating a second  
2 side of said transparent layer with said absorbing  
3 material.

1           25. The method of claim 24 including coating said  
2 transparent layer at locations overlying the regions  
3 between spaced, light emitting cells with first stripes of  
4 black material of a first width, coating the regions  
5 between the edge displays of the devices and the light  
6 emitting cells with a black second stripe of a smaller  
7 width, and joining display devices together so that said  
8 second stripes have a combined width approximately equal to  
9 the width of said first stripes.

1           26. A method of forming a large format display  
2 comprising:  
3               securing a plurality of light emissive display  
4 tiles to one another;  
5               defining gaps between adjacent display tiles; and  
6               filling said gaps with a light absorbing material.

1           27. The method of claim 26 including adhesively  
2 coupling said display tiles to one another by injecting  
3 adhesive into said gaps and covering said adhesive with a  
4 light absorbing material.

1        28. The method of claim 27 including using display  
2 tiles having a plurality of light emitting cells and  
3 coating the regions between said cells with a light  
4 absorbing material.

1        29. The method of claim 26 including securing said  
2 tiles to a support and defining structure on said tiles and  
3 said support to align said tiles.

1        30. The method of claim 29 including removeably  
2 mounting said tiles on said support.